

REMARKS

Claims 1, 3-5 and 7-29 are pending. Claims 1, 7, 11, 20, and 25-29 have been amended.

Claims Rejections – 35 U.S.C. S.103

Claims 1, 3, 4, 5, 11-17 and 19 are rejected under 35 U.S.C. 103 as being unpatentable over Jung in view of Paik. Both references, alone and in combination, fail to teach or suggest "video processor system codes the edge detection map for transmission along with an associated video frame that is not edge detected" as claimed or similarly claimed. (Emphasis added.)

In particular, the edge detection map (120) is coded (140) and then transmitted along with an associated video frame that is not edge detected (100, 130) as noted in the specification on page 7, first paragraph and shown in figure 1. Both Jung and Paik teach away from the associated video frame not being edge detected. In particular, as shown in Figure 1 of Jung, the digital video signal is *both* contour coded and edge detected. For example, as noted in column 2, lines 60-63: "the contour detector 10 detects the contour of the object 140 in the image signal through the use of a convention edge detection algorithm, e.g., a sobel operator or a gradient operator." Moreover, edge detectors 30, 50, 70, and 90 detects an edge of the sub-object in each subblock.

Claim Rejections – 35 U.S.C. §103

The Examiner rejected claims 9-10, 18, 20-29 under 35 U.S.C. 103(a) as being unpatentable by Jung and either well known prior art or Paik. Applicant respectfully disagrees with the Examiner's rejection for the same reasons noted above. In view of the above, it is respectfully requested the claims are allowable over the cited references, alone or in combination.

CONCLUSION

In view of the foregoing, it is respectfully asserted that all of the claims pending in this patent application are in condition for allowance.

The required fee for a three month extension of time is enclosed. Should it be determined that an additional fee is due under 37 CFR §§1.16 or 1.17, or any excess fee has been received, please charge that fee or credit the amount of overcharge to deposit account #02-2666.




If the Examiner has any questions, he is invited to contact the undersigned at (310) 252-7605. Reconsideration of this patent application and early allowance of all the claims is respectfully requested.

Respectfully submitted,

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Dated: July 20, 2004

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CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, Post Office Box 1450, Alexandria, Virginia 22313-1450 on July 20, 2004.


Margaux Rodriguez July 20, 2004